

March 08, 2012

Leggette, Brashears & Graham  
6 Executive Drive Suite 109  
Farmington, CT 06032

**Attn: Mr. Mike Susca**

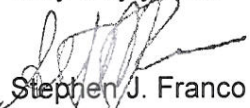
Please find attached laboratory report(s) for the samples submitted on:  
**February 22, 2012.**

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0212259  
PO/Job No. : WENDEL 1  
Invoice No. : 173982  
Customer No. : 243

Please contact us if you have any questions.

Very truly yours,

  
Stephen J. Franco  
Laboratory Director  
PH-0547



STEPHEN J. FRANCO  
Laboratory Director

PHONE ■ 203/634-3731

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165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

**REASONABLE CONFIDENCE PROTOCOL  
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM**

Laboratory Name: Connecticut Testing Lab's, Inc. Client: Leggette, Brashears & Graham, Inc.  
 Project Location: \_\_\_\_\_ Project Number: WENDEL 1  
 Laboratory Sample Id(s): 2764, 2779, 2780, 2789 Sampling Date(s): 2/21/12  
 List RCP Method(s) Used: CT ETPH, 8082 CTL Lab #: 0212259, Revision 1.0

Reactivation ☒ Date Reactivated: 3/1/12

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	<u>VPH and EPH Methods only</u> : Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (<6° C°)? <input checked="" type="checkbox"/> Iced <input type="checkbox"/> No Ice	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
4	Was all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.



Authorized Signature: \_\_\_\_\_  
 Printed Name: Stephen J. Franco

Position: Lab Director PH-0547  
 Date: 03/07/12

Name of Laboratory: Connecticut Testing Laboratories, Inc.

# CASE NARRATIVE

## Connecticut Testing Laboratories, Inc.

### Prepared for:

Leggette, Brashears & Graham  
6 Executive Drive Suite 109  
Farmington, CT 06032

**Order#:** 0212259

**Project:** WENDEL 1

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
B-100 (0-1)	2759	SOIL	02/21/2012	02/22/2012
B-100 (2-3)	2760	SOIL	02/21/2012	02/22/2012
B-101 (0-1)	2761	SOIL	02/21/2012	02/22/2012
B-102 (0-1)	2762	SOIL	02/21/2012	02/22/2012
B-102 (2-3)	2763	SOIL	02/21/2012	02/22/2012
B-103 (0-1)	2764	SOIL	02/21/2012	02/22/2012
B-103 (2-3)	2765	SOIL	02/21/2012	02/22/2012
B-104 (0-1)	2766	SOIL	02/21/2012	02/22/2012
B-104 (2-3)	2767	SOIL	02/21/2012	02/22/2012
B-105 (0-1)	2768	SOIL	02/21/2012	02/22/2012
B-105 (2-3)	2769	SOIL	02/21/2012	02/22/2012
B-106 (0-1)	2770	SOIL	02/21/2012	02/22/2012
B-106 (2-3)	2771	SOIL	02/21/2012	02/22/2012
B-107 (0-1)	2772	SOIL	02/21/2012	02/22/2012
B-107 (2-3)	2773	SOIL	02/21/2012	02/22/2012
B-108 (0-1)	2774	SOIL	02/21/2012	02/22/2012
B-108 (2-3)	2775	SOIL	02/21/2012	02/22/2012
B-109 (0-1)	2776	SOIL	02/21/2012	02/22/2012
B-109 (2-2.5)	2777	SOIL	02/21/2012	02/22/2012
B-110 (0-1)	2778	SOIL	02/21/2012	02/22/2012
B-110 (2-3)	2779	SOIL	02/21/2012	02/22/2012
B-110 (5-6)	2780	SOIL	02/21/2012	02/22/2012
B-111 (0-1)	2781	SOIL	02/21/2012	02/22/2012
B-111 (2-3)	2782	SOIL	02/21/2012	02/22/2012
B-112 (0-1)	2783	SOIL	02/21/2012	02/22/2012
B-112 (2-3)	2784	SOIL	02/21/2012	02/22/2012
B-113 (0-0.5)	2785	SOIL	02/21/2012	02/22/2012
B-114 (0-0.5)	2786	SOIL	02/21/2012	02/22/2012



# CASE NARRATIVE

## Connecticut Testing Laboratories, Inc.

### Prepared for:

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**Order#:** 0212259

**Project:** WENDEL 1

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

B-115 (0-0.5)	2787	SOIL	02/21/2012	02/22/2012
B-116 (0-1)	2788	SOIL	02/21/2012	02/22/2012
B-117 (0-1)	2789	SOIL	02/21/2012	02/22/2012
B-100 (0-1) DUP	2790	SOIL	02/21/2012	02/22/2012

**Additional ETPH and PCB analyses were requested on 3/1/12.**

**ETPH anomalies are noted in the RCP DQA summary table attached to this report.**

The enclosed results of analyses are representative of the samples as received by the laboratory. Connecticut Testing Laboratories, Inc. makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: \_\_\_\_\_

Connecticut Testing Laboratories, Inc.

Date: \_\_\_\_\_

3/7/12

Date Samples Received: 02/22/2012

Client Name: Leggette, Brashears & Graham	CTL Lab No.: 0212259
Report Date: 03/07/2012	PO No: WENDEL 1
Method #: CT ETPH/3545	Analyst: LP

**RESULTS OF ANALYSIS**

***CTETPH-RCP***

Matrix Type: SOIL  
CTL Sample No.: 2780  
Field ID: B-110 (5-6)  
Date Analyzed: 02/29/2012  
Date Extracted: 02/27/2012

Parameters	Units	RL				
CT ETPH	mg/kg	50	3,392			
1-Chloro-Octadecene	%	---	237			

RL=Reporting Level ND = None Detected

Connecticut Testing Laboratories, Inc.  
165 Gracey Avenue / Meriden, CT 06451  
(203) 634-3731 (Fax) 630-1336  
Certification CT-PH0547 / MA-CT035

Date Samples Received: 02/22/2012

Client Name: Leggette, Brashears & Graham  
Report Date: 03/07/2012  
Method #: SW 3545/8082A

CTL Lab No.: 0212259  
PO No: WENDEL 1  
Analyst: MTL

## RESULTS OF ANALYSIS

### EPA Method 8082 RCP

Matrix Type:	SOIL	SOIL	SOIL
CTL Sample No.:	2764	2779	2789
Field ID:	B-103 (0-1)	B-110 (2-3)	B-117 (0-1)
Date Analyzed:	03/05/2012	03/05/2012	03/05/2012
Date Extracted:	03/01/2012	03/01/2012	03/01/2012

Parameters	Units	RL				
Aroclor 1016	mg/kg	0.5	ND	ND	ND	
Aroclor 1221	mg/kg	0.5	ND	ND	ND	
Aroclor 1232	mg/kg	0.5	ND	ND	ND	
Aroclor 1242	mg/kg	0.5	ND	ND	ND	
Aroclor 1248	mg/kg	0.5	ND	ND	ND	
Aroclor 1254	mg/kg	0.5	ND	ND	1.6	
Aroclor 1260	mg/kg	0.5	ND	ND	ND	
PCBs, Total	mg/kg	0.5	ND	ND	1.6	
Decachlorobiphenyl-SR	%	----	95	95	106	
Tetrachloro-m-Xylene-SR	%	----	106	111	124	

RL=Reporting Level ND = None Detected

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# Connecticut Testing Laboratories, Inc.

## QUALITY CONTROL REPORT

CTETPH-RCP

Order#: 0212259

<b>BLANK</b> SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/kg	0032226-02			ND		
<b>CONTROL</b> SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/kg	0032226-03		560	527	94.1%	

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	1-Chloro-Octadecene	92%	50	150
Type of QC	Surrogates	% Recovered	QC Limits (%)	
CONTROL	1-Chloro-Octadecene	83%	50	150

# Connecticut Testing Laboratories, Inc.

## QUALITY CONTROL REPORT

EPA Method 8082 RCP

Order#: 0212259

<b>BLANK</b> SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Aroclor 1016-mg/kg	0032241-02			ND		
Aroclor 1221-mg/kg	0032241-02			ND		
Aroclor 1232-mg/kg	0032241-02			ND		
Aroclor 1242-mg/kg	0032241-02			ND		
Aroclor 1248-mg/kg	0032241-02			ND		
Aroclor 1254-mg/kg	0032241-02			ND		
Aroclor 1260-mg/kg	0032241-02			ND		
<b>CONTROL</b> SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Aroclor 1016-mg/kg	0032241-03		10.0	10.0	100.0	
Aroclor 1260-mg/kg	0032241-03		10.0	10.2	102.0	

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	Decachlorobiphenyl-SR	107%	30	150
BLANK	Tetrachloro-m-Xylene-SR	94%	30	150
Type of QC	Surrogates	% Recovered	QC Limits (%)	
CONTROL	Decachlorobiphenyl-SR	111%	30	150
CONTROL	Tetrachloro-m-Xylene-SR	104%	30	150



# CONNECTICUT TESTING LAB'S, INC.

## RCP DQA SUMMARY TABLE

CT ETPH

CTL Lab # 0212259, Revision 1.0

Client: LBG. Inc

Project: Wendel 1

CTL Sample #	Analyte	QC Type	Calibr. Date	Criteria	Notes
2780	CT ETPH	ICAL	2/10/12	<30% RSD	No Anomalies
2780	CT ETPH	ICV	2/10/12	See Method	No Anomalies
2780	CT ETPH	DChk	2/10/12	+/- 20% D	Meets Method Requirements

QC Type	QC Result	Spike Value	%D	%R	Criteria	Bias	RPD	Bias	RPD
2780	CT ETPH	CCAL			+/-30%D				
2780	CT ETPH	DChk			Pass				
2780	CT ETPH	MB	ND		Targets <RL				
2780	CT ETPH	LCS			60-120%R				
2780	CT ETPH	SR	237	100	50-150%R	H			
	CT ETPH	MS			50-150%R				
	CT ETPH	MSD			50-150%R RPD<30				

L=Low H= High NDR=Non Directional

ICAL = Initial Calibration

ICV= Initial Calibration Verification

DChk= Discrimination Check

CCAL=Continuing Calibration

MB= Method Blank

LCS= Laboratory Control Sample

SR= Surrogate Recovery

MS= Matrix Spike

MSD= Matrix Spike Duplicate

RSD= Relative Standard Deviation

%D=% Drift

%R= % Recovery

RPD= Relative Percent Difference

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 8082

CTL Lab No.: 0212259, Revision 1.0  
Client: Leggette, Brashers & Graham  
Project: WENDEL 1

CTL Sample #	Analyte	QC Type	Calibr. Date	RCP Criteria	Notes
2764, 2779 & 2789	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	ICAL	03/05/12	"r" > 0.990	No Anomalies

QC Type	Result	Spike Value	%D	%R	RCP Criteria	Bias RPD Bias	RPD
Beg CCAL					≤15% D		No Anomalies
2764, 2779 & 2789	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	ND			Targets <RL 40-140% R		No Anomalies
2764, 2779 & 2789	Ac1016, Ac1260				30-150% R		No Anomalies
2764, 2779 & 2789	Decachlorobiphenyl, Tetrachloro-m-xylene				40-140% R		No Anomalies
2764, 2779 & 2789	Ac1016, Ac1260				≤50% RPD		No Anomalies
2764, 2779 & 2789	Ac1016, Ac1260				≤15% D		No Anomalies

L=Low H=High NDR=Non Directional

ICAL = Initial Calibration

Beg CCAL= Beginning Continuing (

End CCAL=End Continuing Calibra

MB= Method Blank

LCS= Laboratory Control Sample

SR=Surrogate Recovery %

MS= Matrix Spike

MSD= Matrix Spike Duplicate

r= Correlation Coefficient

%D= % Drift

%R= % Recovery

RPD= Relative Percent Difference

RL= Reporting Leve